

COPPER IN GROUND WATER

The first technical topic was submitted by Bob Stammes and deals with the use of a carbon source to precipitate copper in a ground-water plume.

Ed Mead referenced two EPA documents that are relevant to this topic, both of which can be found at <http://www.epa.gov/tio>:

EPA/600/R-98/125; and
EPA/542/B-00/001.

Dave Reisman (NRMRL/Cinc.) noted that his lab is currently completing some relevant scopes of work on this topic. NRMRL has partnered with Region 9 to investigate the potential for using a sulfur reducing bacteria (SRB) process to treat mining waste. They are using carbon as a food source for bacteria in three mines in Region 9. Kevin Mayer (Region 9) is the RPM for the Leviathan mine, where an SRB has been in place for two years. Sean Hogan (Region 9) is familiar with the technology being used at the three mine sites and can serve as a point of contact for more information. In Regions 4 and 8, Jim Harrington (a contractor) has been working with EPA and the state to implement this technology.

Forum members should contact Dave Reisman at NRMRL (reisman.david@epa.gov) for more information.